



International Components Corporation

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GENERAL PURPOSE ROUND SPEAKERS

Part Number: S400RA

MODEL NUMBER	S400RA
FRAME DIAMETER (MM)	102
FRAME DEPTH (MM)	33
MATERIAL: CONE / FRAME	PAPER / METAL
MAGNET TYPE	ALNICO
MAGNET: SIZE (MM) / WEIGHT (OZ/GRAMS)	13 x 10 - 0.35 / 9.92
RATED POWER (WATTS): Nom. / Max.	0.5 / 1.0
VOICE COIL IMPEDANCE (OHMS)	8 ± 15% @ 800 Hz 1V
RESONANT FREQUENCY (Hz) Without Baffle	180 ± 20%
FREQUENCY RESPONSE (Hz)	F_o ~ 20000
OUTPUT SOUND PRESSURE LEVEL (S.P.L.)	91 ± 3 dB
MEASURED AT:	1W @ 50 CM
MEAN VALUE AT:	300, 400, 500, 600 Hz
OPERATION (MUST BE NORMAL)	PROGRAM SOURCE 1 W
BUZZ & RATTLES (MUST BE NORMAL)	SINE WAVE 0.5 W
DISTORTION @ RATED POWER INPUT	5% MAXIMUM @ 1,000 Hz
LOAD TEST (WHITE NOISE)	0.5W @ 5 HOURS
HUMIDITY TEST*	40° ± 2°C 90% R.H. 96 HRS

HEAT TEST*	40° ± 2°C 50% R.H. 96 HRS
OUTSIDE DIAMETER OF YOKE SEAT (MM)	22 - YOKE SIZE: 22 x 14.2 x 12.5
OUTSIDE DIAMETER (ELIMINATE RIM)	93
BAFFLE OPENING (MM)	93
THICKNESS OF RIM (MM)	3.7
NET WEIGHT (OUNCES/GRAMS)	2.40 / 68

POLARITY:

DIAPHRAGM SHALL MOVE FORWARD WHEN APPLYING A POSITIVE DC CURRENT TO THE "+" (OR MARKED) TERMINAL.

***SPEAKER MUST MEET NORMAL OPERATION AND BUZZ & RATTLES SPECIFICATIONS**

■ **DIMENSIONS**

■ **TYPICAL FREQUENCY RESPONSE CURVE**

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